METHOD AND SYSTEM FOR ERROR DIFFUSION WITH A

PLURALITY OF ERROR MEASURES

ABSTRACT OF THE DISCLOSURE

A method (and system) for producing a halftoned image, includes

5   calculating errors corresponding to a plurality of different viewing conditions

of a halftone image, and minimizing a function of the errors, such that the

halftoned image appears as a different image under different viewing

conditions. Alternatively, in another embodiment, the halftoned image appears

as the same image under different viewing conditions.